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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	4	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	5	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	6	FEB 10	COMPENDEX reloaded and enhanced
NEWS	7	FEB 11	WTEXTILES reloaded and enhanced
NEWS	8	FEB 19	New patent-examiner citations in 300,000 CA/CAPplus patent records provide insights into related prior art
NEWS	9	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	10	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	11	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	12	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	13	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	14	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	15	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	16	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	17	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	18	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS	19	MAR 23	CA/CAPplus enhanced with more than 250,000 patent equivalents from China
NEWS	20	MAR 30	IMSPATENTS reloaded and enhanced
NEWS	21	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS	22	APR 07	STN is raising the limits on saved answers
NEWS	23	APR 24	CA/CAPplus now has more comprehensive patent assignee information
NEWS	24	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS	25	APR 28	CAS patent authority coverage expanded
NEWS	26	APR 28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS	27	APR 28	Limits doubled for structure searching in CAS REGISTRY
NEWS	28	MAY 08	STN Express, Version 8.4, now available
NEWS	29	MAY 11	STN on the Web enhanced
NEWS	30	MAY 11	BEILSTEIN substance information now available on STN Easy

NEWS EXPRESS MAY 08 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:18:52 ON 13 MAY 2009

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 11:19:17 ON 13 MAY 2009
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STRUCTURE FILE UPDATES: 12 MAY 2009 HIGHEST RN 1145835-49-9
DICTIONARY FILE UPDATES: 12 MAY 2009 HIGHEST RN 1145835-49-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 11:19:44 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 787908 TO ITERATE

0.3% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 15708928 TO 15807392
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=>

Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-e.str

L3 STRUCTURE UPLOADED

=>

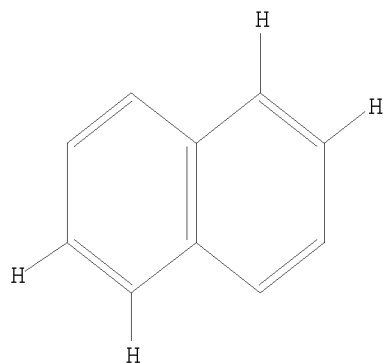
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L4 STRUCTURE UPLOADED

=> d 14

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 14

SAMPLE SEARCH INITIATED 11:29:30 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 86409 TO ITERATE

2.3% PROCESSED 2000 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1710684 TO 1745676
PROJECTED ANSWERS: 731592 TO 754642

L5 50 SEA SSS SAM L4

=> s 14 full

FULL SEARCH INITIATED 11:29:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1726501 TO ITERATE

```

98.2% PROCESSED 1694725 ITERATIONS 732972 ANSWERS

100.0% PROCESSED 1726501 ITERATIONS 739686 ANSWERS
SEARCH TIME: 00.00.19

L6 739686 SEA SSS FUL L4

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-a.str

L7 STRUCTURE UPLOADED

=> s l7 sam sss sub=l6
SAMPLE SUBSET SEARCH INITIATED 11:35:07 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 5036 TO ITERATE

39.7% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 96465 TO 104975
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 0 TO 0

L8 0 SEA SUB=L6 SSS SAM L7

=> s l7 full sss sub=l6
FULL SUBSET SEARCH INITIATED 11:35:28 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 100325 TO ITERATE

100.0% PROCESSED 100325 ITERATIONS 11 ANSWERS
SEARCH TIME: 00.00.02

L9 11 SEA SUB=L6 SSS FUL L7

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-b.str

L10 STRUCTURE UPLOADED

=> s l10 full sss sub=l6
FULL SUBSET SEARCH INITIATED 11:36:37 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 100325 TO ITERATE

100.0% PROCESSED 100325 ITERATIONS 17 ANSWERS
SEARCH TIME: 00.00.02

L11 17 SEA SUB=L6 SSS FUL L10

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-c.str

L12 STRUCTURE UPLOADED

=> s l12 full sss sub=l6
FULL SUBSET SEARCH INITIATED 11:37:36 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 100325 TO ITERATE

100.0% PROCESSED 100325 ITERATIONS 37 ANSWERS
SEARCH TIME: 00.00.01

L13 37 SEA SUB=L6 SSS FUL L12

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=>

Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-d.str

L14 STRUCTURE UPLOADED

=> s l14 full sss sub=l6

FULL SUBSET SEARCH INITIATED 11:38:29 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 100325 TO ITERATE

100.0% PROCESSED 100325 ITERATIONS

10 ANSWERS

SEARCH TIME: 00.00.01

L15 10 SEA SUB=L6 SSS FUL L14

=> file zcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

376.76

376.98

FILE 'ZCAPLUS' ENTERED AT 11:38:45 ON 13 MAY 2009

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FILE COVERS 1907 - 13 May 2009 VOL 150 ISS 20

FILE LAST UPDATED: 12 May 2009 (20090512/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

ZCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l9 or l11 or l13 or l15

2 L9

11 L11

26 L13

2 L15

L16 39 L9 OR L11 OR L13 OR L15

=> s l16 not py > 2005

5004595 PY > 2005

L17 20 L16 NOT PY > 2005

=> d l17 ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 20 ANSWERS - CONTINUE? Y/(N):y

L17 ANSWER 1 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

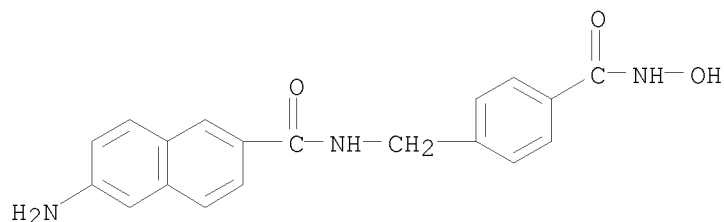
ACCESSION NUMBER: 2005:581156 ZCAPLUS
DOCUMENT NUMBER: 143:298465
TITLE: Inhibitory effects of cancer cell proliferation by novel histone deacetylase inhibitors involve p21/WAF1 induction and G2/M arrest
AUTHOR(S): Maeda, Taishi; Nagaoka, Yasuo; Kawai, Yuki; Takagaki, Nobumasa; Yasuda, Chikako; Yogosawa, Shingo; Sowa, Yoshihiro; Sakai, Toshiyuki; Uesato, Shinichi
CORPORATE SOURCE: Department of Biotechnology, Faculty of Engineering, Kansai University, Osaka, 564-8680, Japan
SOURCE: Biological & Pharmaceutical Bulletin (2005), 28(5), 849-853
CODEN: BPBLEO; ISSN: 0918-6158
PUBLISHER: Pharmaceutical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 143:298465

AB Two compds. were synthesized which have a structural component other than those of our new series histone deacetylase (HDAC) inhibitors to determine the structure-activity relation. It was also examined whether the inhibitory effects on cancer cell proliferation by HDAC inhibitors involve p21/WAF1 induction and G1 or G2/M arrest in p53-mutated MG63 human osteosarcoma cells as do other HDAC inhibitors. It was demonstrated that inhibitors with the 2-naphthylcarbonyl group and hydroxamic acid at both terminal sides as well as the phenylene component at the center of mol. markedly induce the p21/WAF1 protein by stimulating p21/WAF1 gene promoter activity. Furthermore, cell cycle anal. revealed that these compds. arrest MG63 cells in the G2/M phase.

IT 591217-26-4
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(preparation and inhibitory effects of cancer cell proliferation by novel histone deacetylase inhibitors involving p21/WAF1 induction and G2/M arrest)

RN 591217-26-4 ZCAPLUS

CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-[(hydroxyamino)carbonyl]phenyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



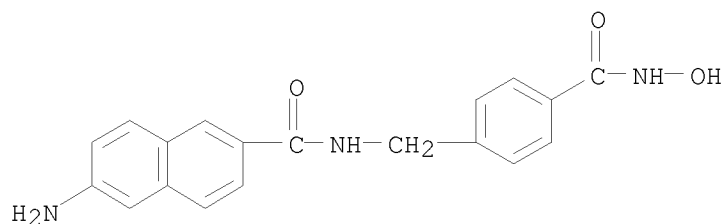
● HCl

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 2 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:580809 ZCAPLUS
DOCUMENT NUMBER: 141:199479
TITLE: Potent histone deacetylase inhibitors:

AUTHOR(S): N-hydroxybenzamides with antitumor activities
 Maeda, Taishi; Nagaoka, Yasuo; Kuwajima, Hiroshi;
 Seno, Chieko; Maruyama, Sakiko; Kurotaki, Mineko;
 Uesato, Shinichi
 CORPORATE SOURCE: Department of Biotechnology, Faculty of Engineering,
 Kansai University, Suita, Osaka, 564-8680, Japan
 SOURCE: Bioorganic & Medicinal Chemistry (2004), 12(16),
 4351-4360
 CODEN: BMECEP; ISSN: 0968-0896
 PUBLISHER: Elsevier Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:199479
 AB The screening tests of N-hydroxybenzamides for their HDAC-inhibitory
 activities led to the discovery of the promising compds. with a
 2-naphthylcarbonyl group and with a 1,4-biphenylcarbonyl group. These
 compds. were further modified to optimize their physico-chemical profile. As
 a result, the inhibitor with a 6-amino-2-naphthylcarbonyl was obtained,
 which showed not only promising growth inhibitions against a panel of
 tumor cells, but also an improved water solubility. It exhibited the maximal
 185% of survival rate (%T/C) in a in vivo experiment with P388 cell-inoculated
 mice.
 IT 591217-26-4P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (potent histone deacetylase inhibitors: N-hydroxybenzamides with
 antitumor activities)
 RN 591217-26-4 ZCAPLUS
 CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-
 [(hydroxyamino)carbonyl]phenyl]methyl]-, hydrochloride (1:1) (CA INDEX
 NAME)



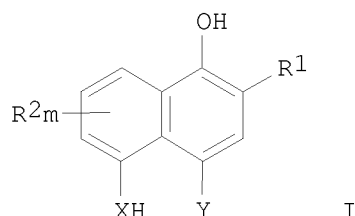
● HCl

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 3 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2003:785279 ZCAPLUS
 Correction of: 1986:177615
 DOCUMENT NUMBER: 139:283282
 Correction of: 104:177615
 TITLE: Naphtol-type cyan couplers and photographic materials
 containing these couplers
 INVENTOR(S): Saito, Naoki; Aoki, Kozo; Yokota, Yukio
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 106 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent

LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 161626	A2	19851121	EP 1985-105599	19850507
EP 161626	A3	19870603		
EP 161626	B1	19901205		
R: DE, FR, GB, NL				
JP 60237448	A	19851126	JP 1984-93605	19840510
JP 05021223	B	19930323		
JP 61153640	A	19860712	JP 1984-264277	19841214
JP 05014891	B	19930226		
JP 61145557	A	19860703	JP 1984-268135	19841219
JP 05019697	B	19930317		
US 4690889	A	19870901	US 1985-732771	19850510
PRIORITY APPLN. INFO.:			JP 1984-93605	A 19840510
			JP 1984-264277	A 19841214
			JP 1984-268135	A 19841219
OTHER SOURCE(S):		MARPAT 139:283282		
GI				



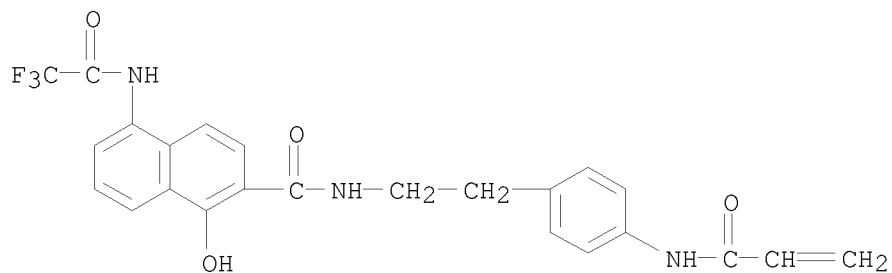
AB Naphthol-type photog. cyan couplers producing dye images with excellent heat- and light fastness are described. These couplers are represented by formula I (R₁ = -COR₃R₄, -NHCOR₃, -NHCOOR₅, -NHSO₂R₅, -NHCONR₃R₄, -NHSO₂NR₃R₄; R₃, R₄ = H, alkyl, alkenyl, alkynyl, aryl, monocyclic or condensed heterocyclic ring; R₅ = alkyl, alkenyl, alkynyl, aryl including condensed ring, monocyclic or condensed heterocyclic ring; R₂ = substituent; m = 0-3; X = O, S, R₆N.; R₆ = H, monovalent organic group; Y = H, leaving group capable of being released upon coupling reaction with oxidized amine developer). Comps. I may form dimers or polymers bonded together at R₁, R₂, X or Y via divalent or higher valent group. The compound I can form copolymers with acrylate, methacrylate or maleate monomers.

IT 101646-76-8P 101646-82-6P
 RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (coupler; naphthol-type photog. cyan couplers producing dye images with excellent heat- and light fastness)

RN 101646-76-8 ZCAPLUS
 CN 2-Propenoic acid, butyl ester, polymer with
 1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-5-
 [(trifluoroacetyl)amino]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

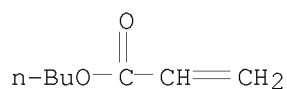
CM 1

CRN 101646-75-7
 CMF C24 H20 F3 N3 O4



CM 2

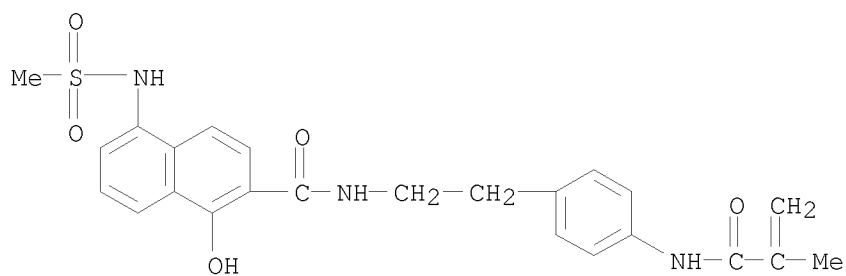
CRN 141-32-2
CMF C7 H12 O2



RN 101646-82-6 ZCAPLUS
CN 2-Propenoic acid, butyl ester, polymer with
1-hydroxy-N-[2-[4-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]ethyl]-5-
[(methylsulfonyl)amino]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

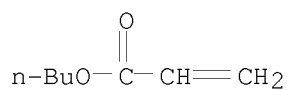
CM 1

CRN 101646-81-5
CMF C24 H25 N3 O5 S



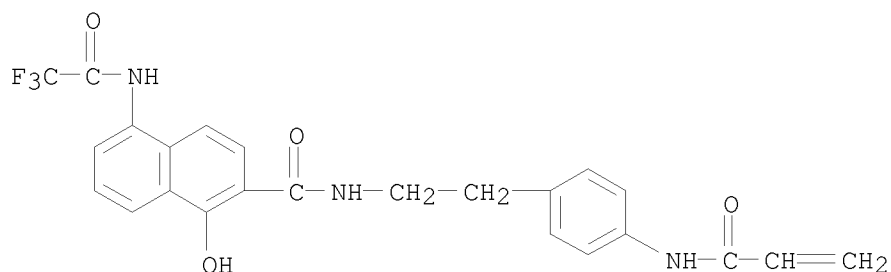
CM 2

CRN 141-32-2
CMF C7 H12 O2

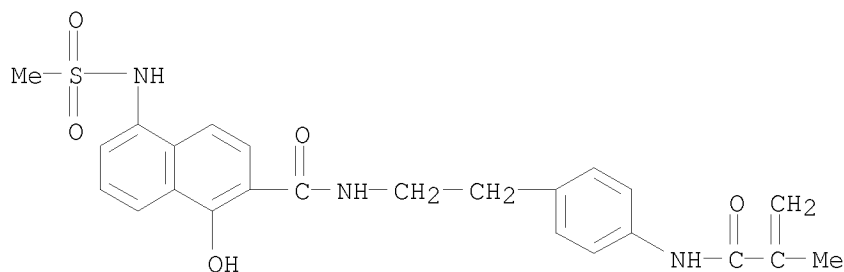


IT 101646-75-7 101646-81-5
RL: RCT (Reactant); RACT (Reactant or reagent)

(polymerization with Bu acrylate in synthesis of photog. cyan coupler)
 RN 101646-75-7 ZCAPLUS
 CN 2-Naphthalenecarboxamide, 1-hydroxy-N-[2-[4-[(1-oxo-2-propen-1-yl)amino]phenyl]ethyl]-5-[(2,2,2-trifluoroacetyl)amino]- (CA INDEX NAME)



RN 101646-81-5 ZCAPLUS
 CN 2-Naphthalenecarboxamide, 1-hydroxy-N-[2-[4-[(2-methyl-1-oxo-2-propen-1-yl)amino]phenyl]ethyl]-5-[(methylsulfonyl)amino]- (CA INDEX NAME)



L17 ANSWER 4 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2003:678775 ZCAPLUS
 DOCUMENT NUMBER: 139:214215
 TITLE: Preparation of N-hydroxycarboxamide derivatives as anticancer agents
 INVENTOR(S): Uesato, Shinichi; Nagaoka, Yasuo; Yamori, Takao
 PATENT ASSIGNEE(S): Osaka Industrial Promotion Organization, Japan
 SOURCE: PCT Int. Appl., 137 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

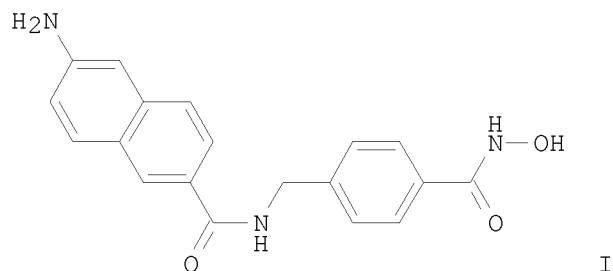
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003070691	A1	20030828	WO 2003-JP1681	20030218
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

AU 2003211362
PRIORITY APPLN. INFO.:

A1 20030909
OTHER SOURCE(S):
GI
MARPAT 139:214215

AU 2003-211362
JP 2002-45310
JP 2002-235912
WO 2003-JP1681

20030218
A 20020221
A 20020813
W 20030218



AB The title N-hydroxycarboxamides with general formula of D-L2-B-N(R)-L1-A-CONHOH [wherein A = cycloalkylene, phenylene, naphthylene, anthrylene, phenanthrylene, cycloalkenylene, biphenylene, heterocycloalkylene, or heterocycloalkenylene, etc., with exclusions; B = CO, CS, NHCO, NHCS, SO₂, SO, S, O, CO₂, or OCO; D = cycloalkyl, adamantyl, Ph, naphthyl, anthryl, phenanthryl, cycloalkenyl, biphenyl, pyridyl, quinolyl, isoquinolyl, indolyl, heterocycloalkyl, or heterocycloalkenyl, etc., with exclusions; L1 and L2 = independently alkylene or none; R = H, alkyl, CHO, alkanoyl, PhCO, or PhCH₂CO] and tautomers, stereoisomers, or salts thereof are prepared as potent histone deacetylase (HDAC) inhibitors. The N-hydroxycarboxamide derivs. are useful in treating, relieving, and preventing diseases concerning cell proliferation. In particular, it is expected that these derivs. are highly efficacious as an anticancer agent or a carcinostatic agent. Moreover, it is expected that the above N-hydroxycarboxamide derivs. are efficacious as an immunosuppressant or a gene therapy potentiator and usable in treating, relieving, and preventing neurodegenerative diseases. For example, the compound I•HCl was prepared in a four-step synthesis in moderate yield. I showed IC₅₀ of 39 nM against human histone deacetylase (HDAC).

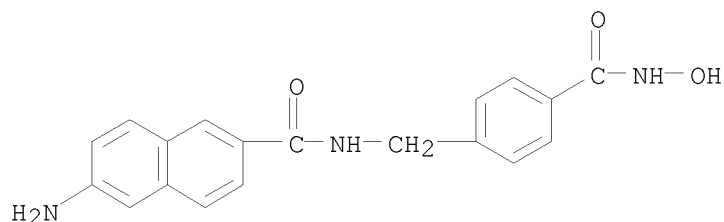
IT 471924-82-0P 591217-26-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

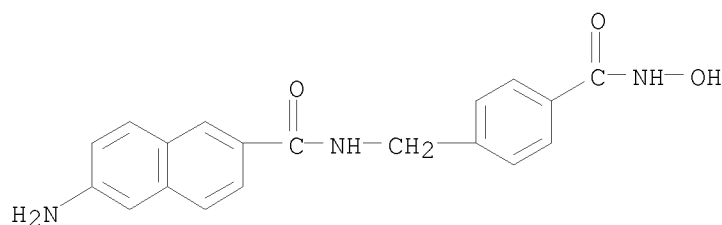
(drug candidate; preparation of hydroxycarboxamide derivs. as anticancer agents)

RN 471924-82-0 ZCAPLUS

CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-[(hydroxyamino)carbonyl]phenyl]methyl]- (CA INDEX NAME)



RN 591217-26-4 ZCAPLUS
 CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-
 [(hydroxyamino)carbonyl]phenyl]methyl]-, hydrochloride (1:1) (CA INDEX
 NAME)



● HCl

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 5 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2002:827444 ZCAPLUS
 DOCUMENT NUMBER: 137:337681
 TITLE: Preparation of phenol dimers by oxidative coupling
 reaction
 INVENTOR(S): Ueno, Ryuzo; Kitayama, Masaya; Minami, Kenji;
 Wakamori, Hiroyuki; Hirai, Hikari
 PATENT ASSIGNEE(S): Ueno Fine Chemicals Industry Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

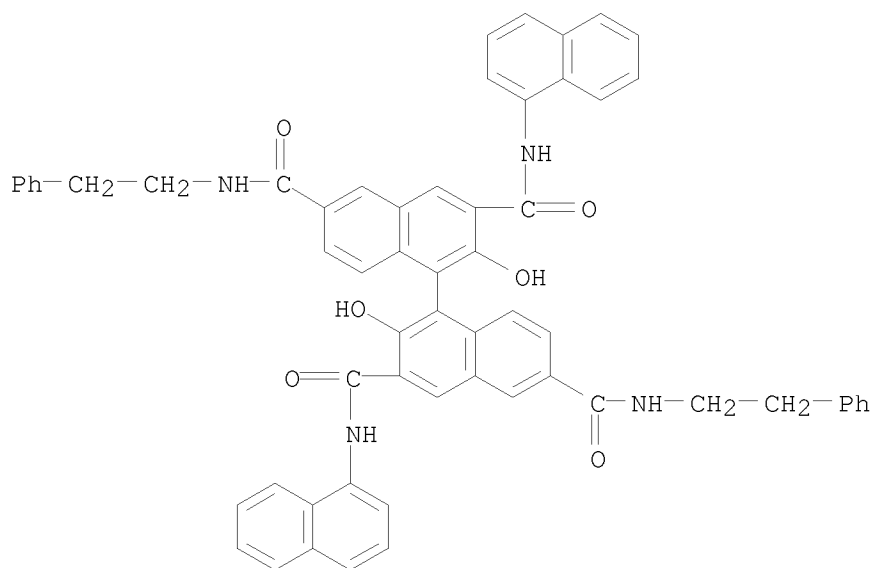
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002316961	A	20021031	JP 2001-120976	20010419
WO 2002085829	A1	20021031	WO 2002-JP3852	20020418
W: CN, KR, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1380558	A1	20040114	EP 2002-720483	20020418
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
TW 233434	B	20050601	TW 2002-91108051	20020419
US 20040143141	A1	20040722	US 2003-433908	20030606
US 6891072	B2	20050510		
PRIORITY APPLN. INFO.:			JP 2001-120976	A 20010419
			WO 2002-JP3852	W 20020418

OTHER SOURCE(S): MARPAT 137:337681

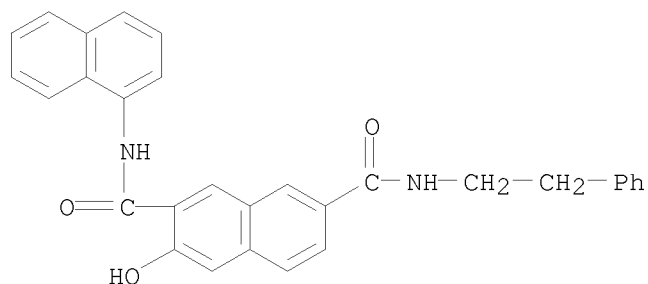
AB Title compds. are prepared by oxidative coupling reaction of ArOH (Ar =
 aromatic group) in N-containing polar solvents in the presence of Cu salts.
 2,6-Di-tert-butylphenol (10.3 g) was treated with CuCl in DMF while
 blowing air into the solution at 60° for .apprx.10 h to give 9.6 g
 3,3',5,5'-tetra-tert-butyl-4,4'-diphenoquinone.

IT 473836-46-3P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
 (Preparation)
 (preparation of phenol dimers by oxidative coupling reaction)

RN 473836-46-3 ZCAPLUS
 CN [1,1'-Binaphthalene]-3,3',6,6'-tetracarboxamide,
 2,2'-dihydroxy-N3,N3'-di-1-naphthalenyl-N6,N6'-bis(2-phenylethyl)- (CA
 INDEX NAME)

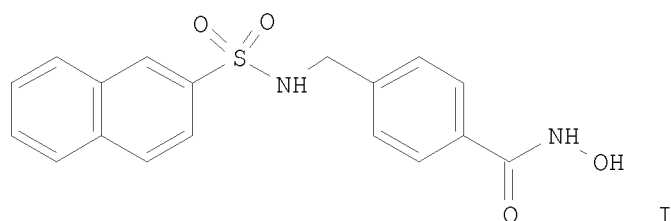


IT 265331-72-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of phenol dimers by oxidative coupling reaction)
 RN 265331-72-4 ZCAPLUS
 CN 2,7-Naphthalenedicarboxamide, 3-hydroxy-N2-1-naphthalenyl-N7-(2-
 phenylethyl)- (CA INDEX NAME)



L17 ANSWER 6 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2002:324923 ZCAPLUS
 DOCUMENT NUMBER: 137:310681
 TITLE: Novel histone deacetylase inhibitors:
 N-hydroxycarboxamides possessing a terminal bicyclic
 aryl group
 AUTHOR(S): Uesato, Shinichi; Kitagawa, Manabu; Nagaoka, Yasuo;
 Maeda, Taishi; Kuwajima, Hiroshi; Yamori, Takao
 CORPORATE SOURCE: Department of Biotechnology, Faculty of Engineering,
 Kansai University, Suita, Osaka, 564-8680, Japan
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2002),
 12(10), 1347-1349
 CODEN: BMCLE8; ISSN: 0960-894X
 PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 137:310681
 GI

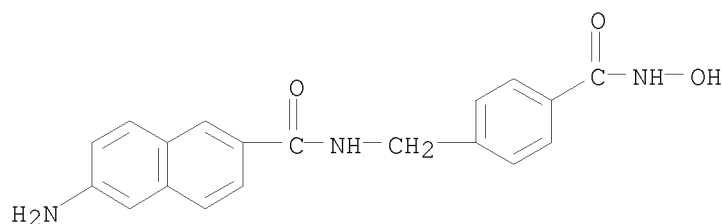


AB Utilizing tranexamic acid as a starting material, a series of N-hydroxycarboxamides (e.g., I) were synthesized in order to seek new histone deacetylase (HDAC) inhibitors. Compound I showed antiproliferative activity against HDAC of IC₅₀ = 1100 nM. Further structure optimization involving the replacement of the 1,4-cyclohexylene group with the 1,4-phenylene group yielded the promising HDAC inhibitors which possess a terminal bicyclic aryl amide.

IT 471924-82-0P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation of N-hydroxycarboxamides as antitumor agents)

RN 471924-82-0 ZCAPLUS

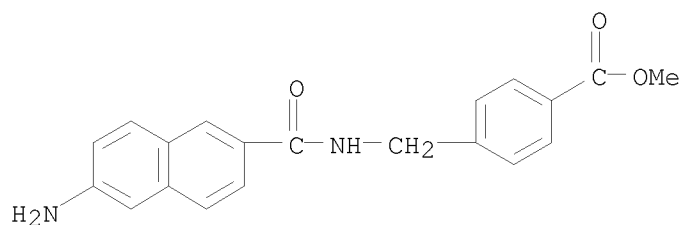
CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-[(hydroxyamino)carbonyl]phenyl]methyl]- (CA INDEX NAME)



IT 471925-00-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of N-hydroxycarboxamides as antitumor agents)

RN 471925-00-5 ZCAPLUS

CN Benzoic acid, 4-[[[(6-amino-2-naphthalenyl)carbonyl]amino]methyl]-, methyl ester (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 7 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:900613 ZCAPLUS

DOCUMENT NUMBER: 134:56957

TITLE: Preparation of amino acid derivatives as serine protease inhibitors

INVENTOR(S): Liebeschuetz, John Walter; Lyons, Amanda Jane; Murray, Christopher William; Rimmer, Andrew David; Young, Stephen Clinton; Camp, Nicholas Paul; Jones, Stuart Donald; Morgan, Phillip John; Richards, Simon James; Wylie, William Alexander; Lively, Sarah Elizabeth; Harrison, Martin James; Waszkowycz, Bohdan; Masters, John Joseph; Wiley, Michael John

PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Protherics Molecular Design Limited

SOURCE: PCT Int. Appl., 350 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 13

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000076970	A2	20001221	WO 2000-GB2296	20000613
WO 2000076970	A3	20010719		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2383008	A1	20001221	CA 2000-2383008	20000613
EP 1192135	A2	20020403	EP 2000-938912	20000613
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			GB 1999-13823	A 19990614
			US 1999-142064P	P 19990702
			GB 1999-18741	A 19990809
			GB 1999-29552	A 19991214
			GB 1999-29553	A 19991214
			WO 2000-GB2296	W 20000613

OTHER SOURCE(S): MARPAT 134:56957

AB Compds. R²-X-X-Y(Cy)-L-Lp(D)_n [R² represents a 5- or 6-membered aromatic carbon ring optionally interrupted by a N, O or S ring atom, optionally substituted at the 3 and/or 4 position or forms a fused ring system at these positions, which is an optionally substituted 5 or 6 membered carbocyclic or heterocyclic ring; X is a C, N, O or S atom or a CO, CR^{1a}, C(R^{1a})₂ or NR^{1a} group, where R^{1a} represents H, OH, alkoxy, alkyl, aminoalkyl, hydroxyalkyl, alkoxyalkyl, alkoxycarbonyl, alkylaminocarbonyl, alkoxycarbonylamino, acyloxymethoxycarbonyl or alkylamino optionally substituted by OH, alkylamino, alkoxy, oxo, aryl or cycloalkyl; L is an organic linker group containing 1 to 5 backbone atoms selected from C, N, O and S, or a branched alkyl or cyclic group; Y is a N atom or a CR^{1b} group (R^{1b} defined as for R^{1a}); Cy is an (un)substituted, (un)saturated, mono- or polycyclic, homo- or heterocyclic group; Lp is a lipophilic organic group; D is a hydrogen bond donor group; n = 0-2] were prepared for use as serine protease inhibitors. Compds. of the invention were found to significantly elongate the partial thromboplastin time (prothrombin time). Thus,

1-(3-amino-2-naphthoyl-D-phenylglyciny)-4,4'-bispiperidine was prepared and shown to double the prothrombin time at a concentration of 26 μ M. [This abstract record is one of 2 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

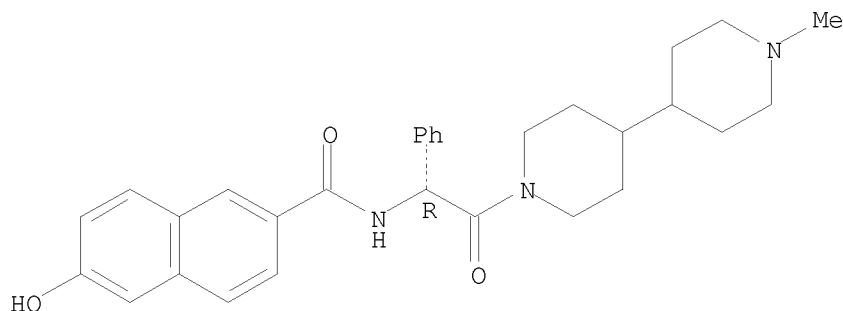
IT 313489-00-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino acid derivs. as serine protease inhibitors)

RN 313489-00-8 ZCAPLUS

CN 2-Naphthalenecarboxamide, 6-hydroxy-N-[(1R)-2-(1'-methyl[4,4'-bipiperidin]-1-yl)-2-oxo-1-phenylethyl]- (CA INDEX NAME)

Absolute stereochemistry.



L17 ANSWER 8 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:416706 ZCAPLUS

DOCUMENT NUMBER: 133:43538

TITLE: New β -amido and β -sulfonamido carboxylic acid derivatives as endothelin receptor antagonists

INVENTOR(S): Amberg, Wilhelm; Jansen, Rolf; Kettschau, Georg; Riechers, Hartmut; Baumann, Ernst; Hergenroeder, Stefan; Raschack, Manfred; Unger, Liliane

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Ger. Offen., 32 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

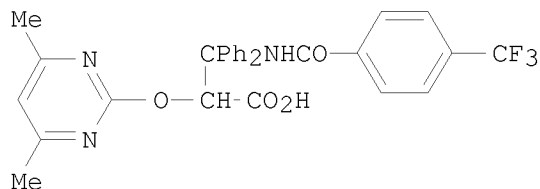
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

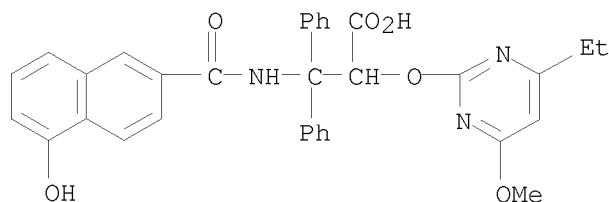
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19858779	A1	20000621	DE 1998-19858779	19981218
CA 2355251	A1	20000629	CA 1999-2355251	19991209
WO 2000037450	A1	20000629	WO 1999-EP9679	19991209
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 9916331	A	20010911	BR 1999-16331	19991209
EP 1140867	A1	20011010	EP 1999-964533	19991209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

TR 200101780	T2	20011121	TR 2001-1780	19991209
JP 2002533330	T	20021008	JP 2000-589522	19991209
HU 2002001321	A2	20021228	HU 2002-1321	19991209
HU 2002001321	A3	20030228		
MX 2001005635	A	20000827	MX 2001-5635	20010605
IN 2001CN00810	A	20050304	IN 2001-CN810	20010614
NO 2001003000	A	20010815	NO 2001-3000	20010615
BG 105618	A	20020131	BG 2001-105618	20010618
PRIORITY APPLN. INFO.:			DE 1998-19858779	A 19981218
OTHER SOURCE(S):	MARPAT 133:43538		WO 1999-EP9679	W 19991209
GI				



AB Title compds. R4R5NCR3R2CHR1OR [R = 6-membered N heterocycle; R1 = tetrazolyl, (un)substituted CO2H, CONH2; R2, R3 = (un)substituted Ph, naphthyl, which may be linked via O, S, SO2, (un)substituted NH, CH2, CH2CH2, CH:CH, (un)substituted cycloalkyl; R4 = aroyl, heteroaroyl, sulfonyl; R5 = H, alkyl] were prepared for use as endothelin receptor antagonists. Thus, the pyrimidine I was prepared by treating benzyl 3,3-diphenyloxirane-2-carboxylate with MeCN, hydrolyzing the resulting oxazoline, acylating the resulting H2NCPH2CH(OH)CO2CH2Ph with 4-F3CC6H4COCl, followed by 2-methanesulfonyl-4,6-dimethylpyrimidine and ester hydrolysis. I bound to the endothelin A receptor at 84 nM/L and to the endothelin B receptor at 5500 nM/L.

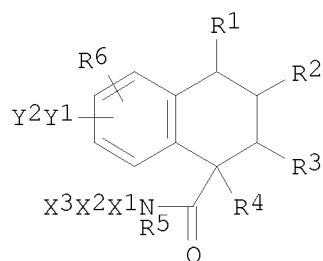
IT 1099044-00-4
 RL: PRPH (Prophetic)
 (New β -amido and β -sulfonamido carboxylic acid derivatives as endothelin receptor antagonists)
 RN 1099044-00-4 ZCAPLUS
 CN INDEX NAME NOT YET ASSIGNED



L17 ANSWER 9 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1999:384101 ZCAPLUS
 DOCUMENT NUMBER: 131:44664
 TITLE: Preparation of carbamoylnaphthalenes as thrombin inhibitors.
 INVENTOR(S): Soyka, Rainer; Heckel, Armin; Lehmann-Lintz, Thorsten; Walter, Rainer; Wienen, Wolfgang; Stassen, Jean Marie
 PATENT ASSIGNEE(S): Boehringer Ingelheim Pharma K.-G., Germany
 SOURCE: Ger. Offen., 92 pp.
 CODEN: GWXXBX

DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19754490	A1	19990610	DE 1997-19754490	19971209
WO 9929670	A2	19990617	WO 1998-EP7958	19981208
WO 9929670	A3	19990910		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 9918773 A 19990628 AU 1999-18773 19981208 PRIORITY APPLN. INFO.: DE 1997-19754490 A 19971209 WO 1998-EP7958 W 19981208 OTHER SOURCE(S): MARPAT 131:44664 GI				

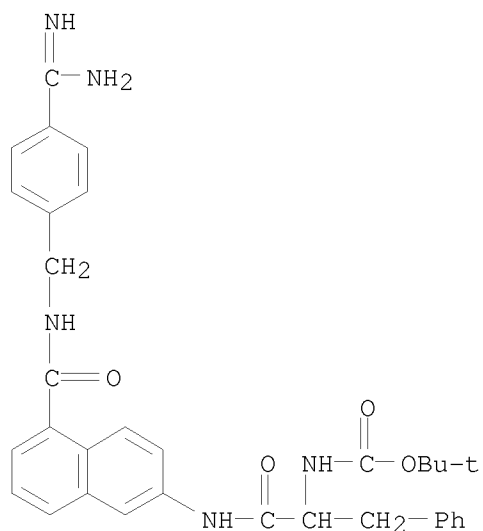


AB Title compds. [I; R1-R4 = H, or R1, R2 = H, R3R4 = double bond, or R1R2 and R3R4 = double bonds; R5 = H, alkyl; R6 = H, F, Cl, Br, alkyl; X1 = alkylene; X2 = phenylene, cycloalkylene, thienylene, oxazolylen, thiazolylen, imidazolylen, pyridinylen, pyrimidinylen, pyrazinylen, pyridazinylen; X3 = cyano, amino, 2-amino-1H-imidazol-4-yl, etc.; Y1 = O, RbN, RbNSO₂, RbNCO, etc.; Rb = H, (substituted) alkyl, phenylalkyl, naphthylalkyl, aminocarbonyl, etc.; Y2 = alkyl, cycloalkyl, (substituted) aminocarbonylalkyl, Ph, naphthyl, pyrrolyl, thiazolyl, thienyl, pyridinyl, etc.], were prepared Thus, Et [2-[quinolin-8-sulfonyl-[5-(carbamidoylbenzylcarbamoyl)-3,4-dihydronaphthalen-2-yl]amino]acetyl]amino]acetate hydrochloride showed a thrombin time ED200 = 0.009 μ M.

IT 227276-19-9P 227276-20-2P 227276-21-3P
 227276-23-5P 227277-46-5P 227277-48-7P
 227277-50-1P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of carbamoylnaphthalenes as thrombin inhibitors)

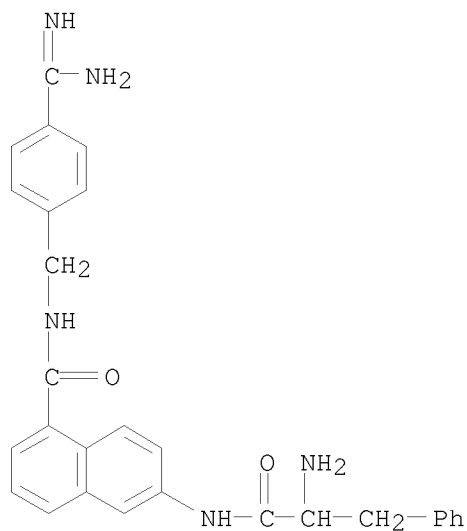
RN 227276-19-9 ZCAPLUS

CN Carbamic acid, [2-[[5-[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



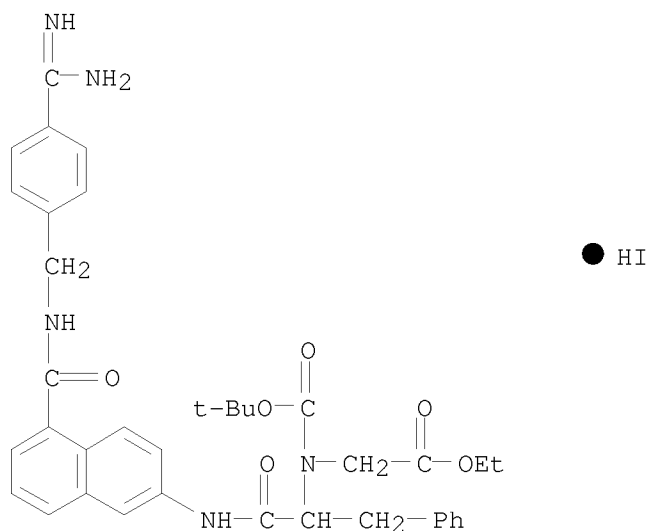
RN 227276-20-2 ZCAPLUS

CN 1-Naphthalenecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-6-[(2-amino-1-oxo-3-phenylpropyl)amino]- (CA INDEX NAME)



RN 227276-21-3 ZCAPLUS

CN Glycine, N-[2-[[5-[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-N-[(1,1-dimethylethoxy)carbonyl]-, ethyl ester, monohydriodide (9CI) (CA INDEX NAME)



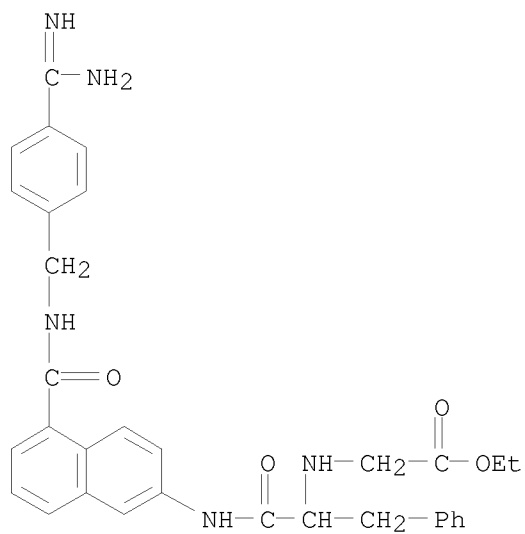
RN 227276-23-5 ZCAPLUS

CN Glycine, N-[2-[[5-[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-, ethyl ester, monohydride mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 227276-22-4

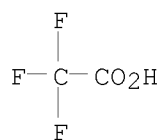
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CM 2

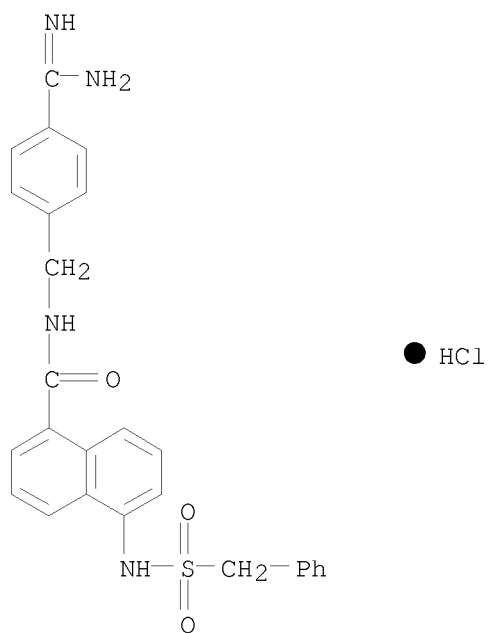
CRN 76-05-1

CMF C2 H F3 O2



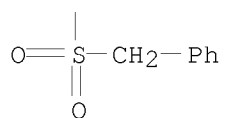
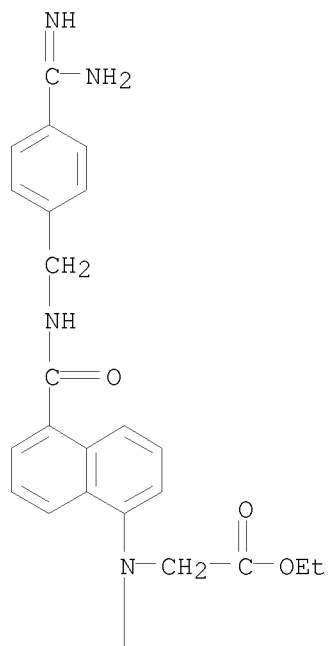
RN 227277-46-5 ZCAPLUS

CN 1-Naphthalenecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-5-
[[(phenylmethyl)sulfonyl]amino]-, hydrochloride (1:1) (CA INDEX NAME)

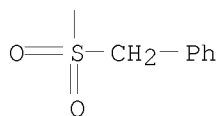
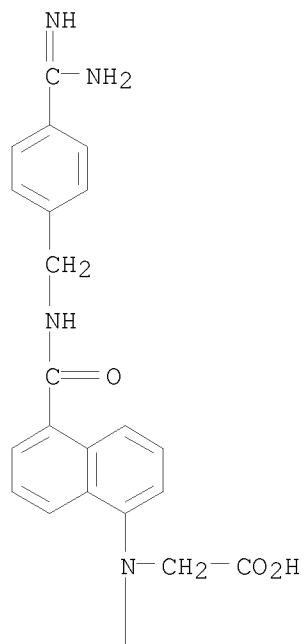


RN 227277-48-7 ZCAPLUS

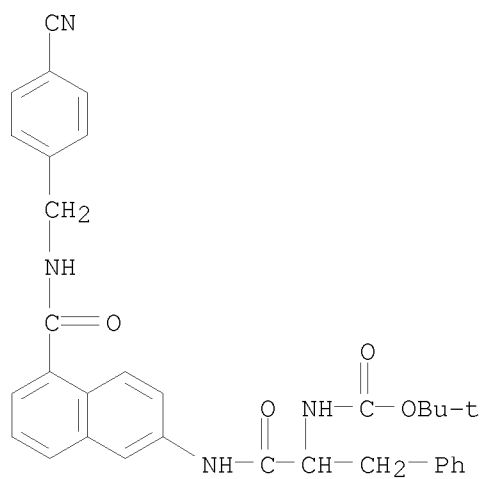
CN Glycine, N-[5-[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-1-naphthalenyl]-N-[(phenylmethyl)sulfonyl]-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)



RN 227277-50-1 ZCAPLUS
 CN Glycine, N-[5-[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-1-naphthalenyl]-N-[(phenylmethyl)sulfonyl]- (CA INDEX NAME)

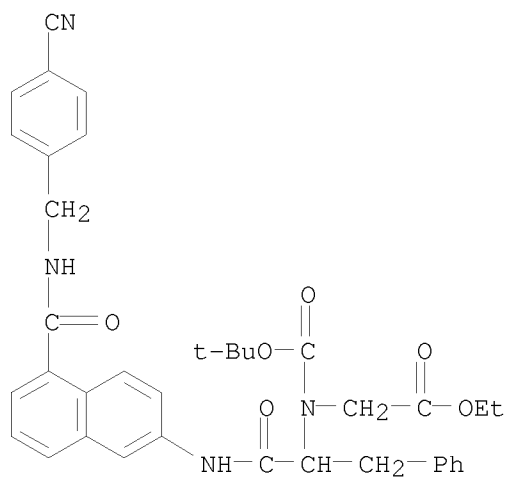


IT 227278-75-3 227278-76-4 227279-50-7
 227279-51-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of carbamoylnaphthalenes as thrombin inhibitors)
 RN 227278-75-3 ZCAPLUS
 CN Carbamic acid, [2-[[5-[[[(4-cyanophenyl)methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-, 1,1-dimethylethyl ester
 (9CI) (CA INDEX NAME)



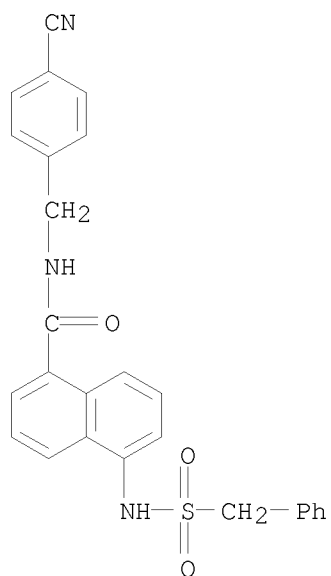
RN 227278-76-4 ZCAPLUS

CN Glycine, N-[2-[[5-[[[(4-cyanophenyl)methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-N-[(1,1-dimethylethoxy)carbonyl]-, ethyl ester (CA INDEX NAME)



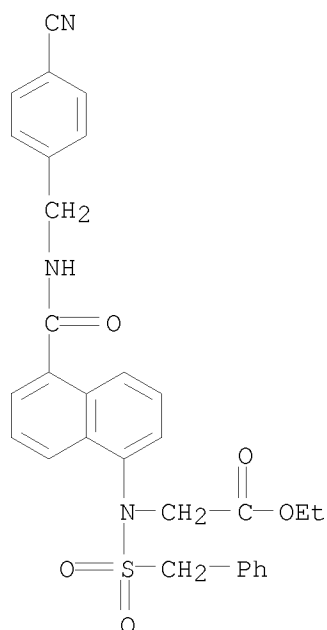
RN 227279-50-7 ZCAPLUS

CN 1-Naphthalenecarboxamide, N-[(4-cyanophenyl)methyl]-5-[[[(phenylmethyl)sulfonyl]amino]- (CA INDEX NAME)

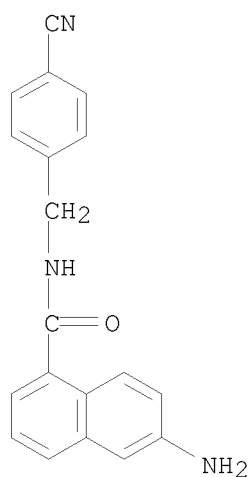


RN 227279-51-8 ZCAPLUS

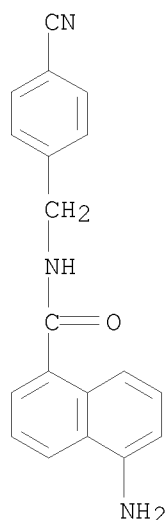
CN Glycine, N-[5-[[[(4-cyanophenyl)methyl]amino]carbonyl]-1-naphthalenyl]-N-[(phenylmethyl)sulfonyl]-, ethyl ester (CA INDEX NAME)



IT 227278-03-7P 227278-55-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of carbamoylnaphthalenes as thrombin inhibitors)
 RN 227278-03-7 ZCAPLUS
 CN 1-Naphthalenecarboxamide, 6-amino-N-[(4-cyanophenyl)methyl]- (CA INDEX
 NAME)



RN 227278-55-9 ZCAPLUS
 CN 1-Naphthalenecarboxamide, 5-amino-N-[(4-cyanophenyl)methyl]- (CA INDEX
 NAME)



L17 ANSWER 10 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:283758 ZCAPLUS

DOCUMENT NUMBER: 126:264364

ORIGINAL REFERENCE NO.: 126:51209a,51212a

TITLE: Acylated oligopeptide derivatives having cell signal inhibiting activity

INVENTOR(S): Garcia-Echeverria, Carlos; Gay, Brigitte; Furet, Pascal; Rahuel, Joseph; Caravatti, Giorgio; Fretz, Heinz; Schoepfer, Joseph

PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.

SOURCE: PCT Int. Appl., 257 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9708193	A1	19970306	WO 1996-EP3473	19960806
W: AL, AU, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2227516	A1	19970306	CA 1996-2227516	19960806
AU 9667425	A	19970319	AU 1996-67425	19960806
EP 846127	A1	19980610	EP 1996-927694	19960806
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
ZA 9606967	A	19970217	ZA 1996-6967	19960816
PRIORITY APPLN. INFO.:			GB 1995-17060	A 19950817
			WO 1996-EP3473	W 19960806

OTHER SOURCE(S): MARPAT 126:264364

AB Peptides X-PTI-(AA)n-Y (AA = natural or unnatural amino acid residue, n = 0-15, PTI = tyrosine or preferably phosphotyrosine or phosphotyrosine mimic, X = arylcarbonyl, cycloalkylcarbonyl, tricycloalkylcarbonyl, arylsulfonyl, etc., Y = OH, C-terminal protecting group, amino group) or their salts were prepared for the treatment of diseases that respond to inhibition of the interaction of a protein comprising an SH2 domain and a protein tyrosine. Thus, 3-aminobenzoyloxycarbonyl-Tyr(PO3H2)-Ile-Asn-Gln-

NH2 trifluoroacetate salt was prepared by the solid phase method and had an IC50 value of 0.1 in a test system using the phosphorylated "tail" EGFR-MBP fusion protein as ligand. Formulations containing acylated oligopeptides are described.

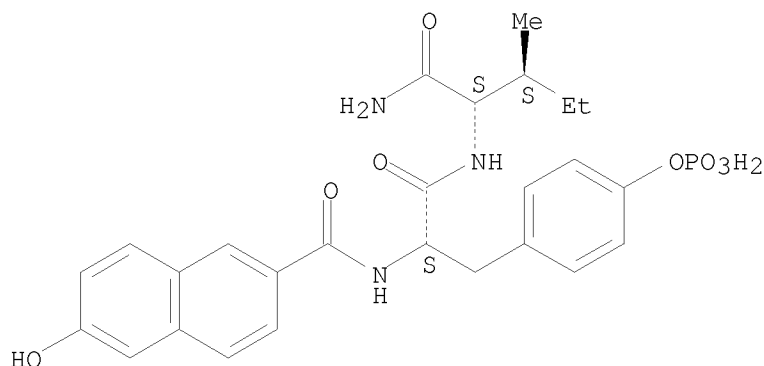
IT 188750-53-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of acylated oligopeptide derivs. having cell signal inhibiting activity)

RN 188750-53-0 ZCAPLUS

CN L-Isoleucinamide, N-[(6-hydroxy-2-naphthalenyl)carbonyl]-O-phosphono-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 11 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:138273 ZCAPLUS

DOCUMENT NUMBER: 124:246350

ORIGINAL REFERENCE NO.: 124:45339a, 45342a

TITLE: Silver halide photographic material

INVENTOR(S): Onodera, Akira; Ooya, Hidenobu; Kaneko, Yutaka

PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.

CODEN: JKXXAF

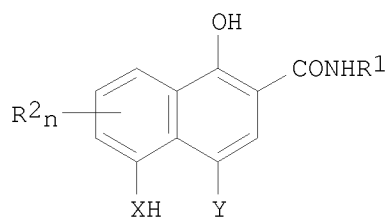
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

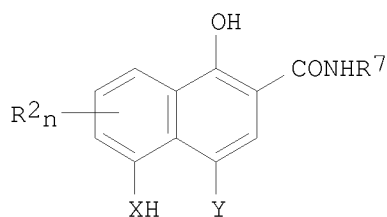
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 07333794	A	19951222	JP 1994-122645	19940603
JP 3245762	B2	20020115		
PRIORITY APPLN. INFO.:			JP 1994-122645	19940603
OTHER SOURCE(S):	MARPAT	124:246350		
GI				

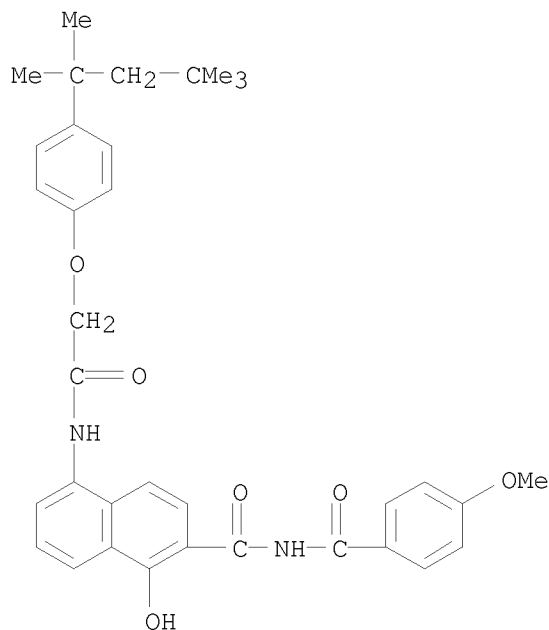


I



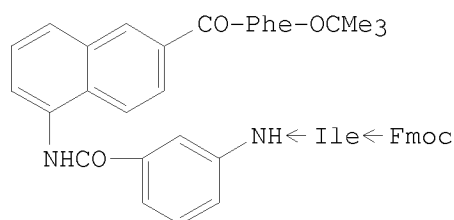
II

AB	The material contains a 1-naphthol-base cyan coupler I (R1 = NR3R4, OR5; R3, R5 = aliphatic group, aromatic group, heterocyclic group; R4 = H, organic group; R3 and R4 may form a ring with N; R2 = substituent; n = 0-3; X = O, S, NR6; R6 = H, organic group; Y = H, coupling releasing group) or II (R7 = SO2R8, COR9; R8-9 = aliphatic group, aromatic group, heterocyclic group, NH2). The material gives heat- and light-resistant images.
IT	174705-29-4 RL: DEV (Device component use); USES (Uses) (silver halide photog. material containing naphthol-base cyan coupler for heat- and light-resistant images)
RN	174705-29-4 ZCAPLUS
CN	2-Naphthalenecarboxamide, 1-hydroxy-N-(4-methoxybenzoyl)-5-[[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]acetyl]amino]- (CA INDEX NAME)



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L17  ANSWER 12 OF 20  ZCAPLUS  COPYRIGHT 2009  ACS  on  STN
ACCESSION NUMBER:      1993:496160  ZCAPLUS
DOCUMENT NUMBER:       119:96160
ORIGINAL REFERENCE NO.: 119:17381a,17384a
TITLE:                 The calculation and synthesis of a template molecule
AUTHOR(S):             Wilson, Stephen R.; Tam, Wai K.; Di Grandi, Martin J.;
                       Cui, Weili
CORPORATE SOURCE:      Dep. Chem., New York Univ., New York, NY, 10003, USA
SOURCE:               Tetrahedron (1993), 49(17), 3655-63
                       CODEN: TETRAB; ISSN: 0040-4020
DOCUMENT TYPE:         Journal
LANGUAGE:              English
```

GI



I

AB An algorithm to compute the geometric requirements for a template mol. is discussed. A program called DESIGN is used to calculate templates by matching vectors from a database of carbon skeletons. Applications of the approach to an epitope of myoglobin and a fragment around the active site of the enzyme thioredoxin is examined. The synthesis of template mol. I as a conformationally constrained thioredoxin fragment is described.

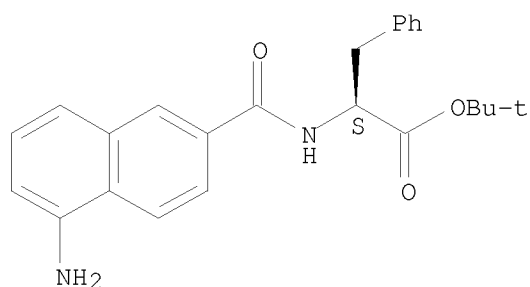
IT 149143-51-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and amidation by, of nitrobenzoyl chloride)

RN 149143-51-1 ZCAPLUS

CN L-Phenylalanine, N-[(5-amino-2-naphthalenyl)carbonyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.



L17 ANSWER 13 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1992:224843 ZCAPLUS

DOCUMENT NUMBER: 116:224843

ORIGINAL REFERENCE NO.: 116:37893a,37896a

TITLE: Mesomorphic compounds for liquid crystal compositions for display devices

INVENTOR(S): Takiguchi, Takao; Iwaki, Takashi; Togano, Takeshi; Yamada, Yoko; Nakamura, Shinichi

PATENT ASSIGNEE(S): Canon K. K., Japan

SOURCE: Eur. Pat. Appl., 158 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

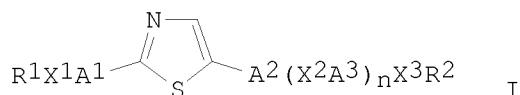
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

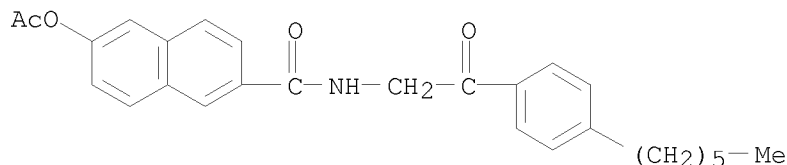
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 439170	A2	19910731	EP 1991-100906	19910124
EP 439170	A3	19920226		

EP 439170 B1 19950419
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
 JP 04128274 A 19920428 JP 1990-332677 19901129
 AT 121443 T 19950515 AT 1991-100906 19910124
 ES 2071129 T3 19950616 ES 1991-100906 19910124
 US 5595685 A 19970121 US 1995-460790 19950602
 PRIORITY APPLN. INFO.: JP 1990-16811 A 19900125
 JP 1990-147034 A 19900605
 JP 1990-332677 A 19901129
 US 1991-645458 B1 19910124
 US 1993-65690 B1 19930525
 OTHER SOURCE(S): MARPAT 116:224843
 GI



AB The mesomorphic compds. have the general formula I, where R1, R2 = C2-16 alkyl which may be substituted; X1, X3 = single bond, O, OCO, COO, or CO; X2 = single bond, OCO, or COO; A1, A2 = single bond, 1,4-phenylene disubstituted with H, halogen, Me, CN, and/or CF3, 1,4-cyclohexylene, 2,5- or 5,2-pyrimidinylen, 2,5-thiophenylen, 2,6-naphthylene, or 2,5- or 5,2-pyridinylen; A3 = all of the definitions of A1 and A2 except single bond; and n = 0 or 1.
 IT 139675-00-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, in formation of mesomorphic compds. for liquid crystal compns. for display devices)
 RN 139675-00-6 ZCAPLUS
 CN 2-Naphthalenecarboxamide, 6-(acetyloxy)-N-[2-(4-hexylphenyl)-2-oxoethyl]- (CA INDEX NAME)



L17 ANSWER 14 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1990:226649 ZCAPLUS
 DOCUMENT NUMBER: 112:226649
 ORIGINAL REFERENCE NO.: 112:38079a,38082a
 TITLE: Silver halide color photographic materials containing polymeric couplers
 INVENTOR(S): Hirano, Tsumoru
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 49 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 01134357	A	19890526	JP 1987-292598	19871119
JP 07069591	B	19950731		

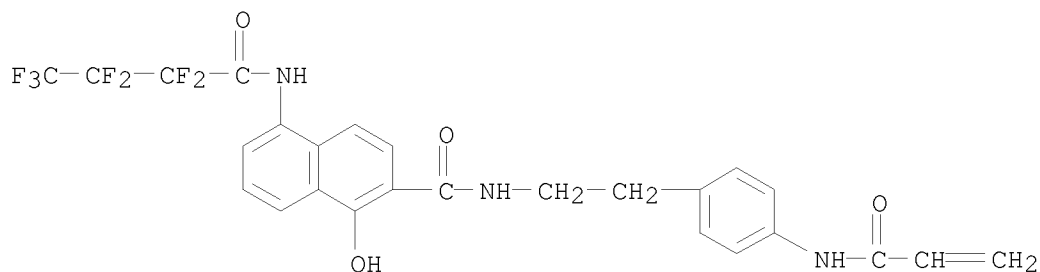
PRIORITY APPLN. INFO.: JP 1987-292598 19871119

AB The title materials, showing good coloration, storability, and sharpness contain oil-soluble polymeric coupler EAxByX [E = C_{≥2} monovalent group; A = ethylenically unsatd. monomer repeating unit with coupler pendant group (this unit may be formed from ≥2 different monomers that produce the same color upon coupling with aromatic primary amine developing agent oxidation product); B = repeating unit of noncoloring comomer(s); E or B may contain F or group that bond with the binder directly or via a film hardener; X = monovalent group; x:y = 10:90 to 150:0].

IT 120283-46-7DP, telomer with octanethiol and perfluoroalkylethyl acrylate
 RL: PREP (Preparation)
 (photog. couplers, manufacturing of)

RN 120283-46-7 ZCAPLUS

CN 2-Naphthalenecarboxamide, 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[2-[4-[(1-oxo-2-propen-1-yl)amino]phenyl]ethyl]- (CA INDEX NAME)



L17 ANSWER 15 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1990:148936 ZCAPLUS

DOCUMENT NUMBER: 112:148936

ORIGINAL REFERENCE NO.: 112:24975a,24978a

TITLE: Silver halide color photographic materials

INVENTOR(S): Sakagami, Megumi; Yamanochi, Junichi

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 72 pp.
 CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01142632	A	19890605	JP 1987-301889	19871130

PRIORITY APPLN. INFO.: JP 1987-301889 19871130

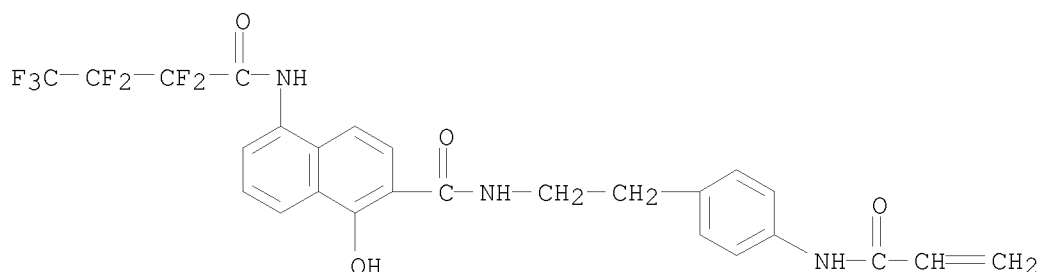
AB The title materials providing sharp color images with improved graininess and latent image storability contain, in the same Ag halide emulsion layer, ≥1 polymeric coupler prepared in the presence of a chain-transfer agent with chain-transfer constant 0.01-50 and ≥1 compds. that do not form dyes with aromatic primary amine developing agent oxidation product.

IT 125449-72-1P
 RL: PREP (Preparation)
 (manufacture of, for photog. couplers)

RN 125449-72-1 ZCAPLUS
CN 1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propenyl)amino]-, monosodium salt, polymer with 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

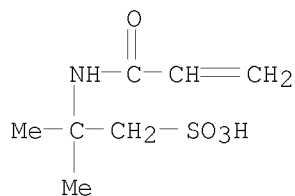
CM 1

CRN 120283-46-7
CMF C26 H20 F7 N3 O4



CM 2

CRN 5165-97-9
CMF C7 H13 N O4 S . Na



● Na

L17 ANSWER 16 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1990:148934 ZCAPLUS
DOCUMENT NUMBER: 112:148934
ORIGINAL REFERENCE NO.: 112:24975a,24978a
TITLE: Silver halide color photographic materials containing polymeric couplers
INVENTOR(S): Hirano, Tsumoru; Yamanochi, Junichi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 51 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01134453	A	19890526	JP 1987-294675	19871120

JP 08033627 B 19960329

PRIORITY APPLN. INFO.:

JP 1987-294675

19871120

AB The title materials showing good coloration and image sharpness contain water-soluble polymer coupler(s) EAxB_yX (E = C_{≥2} monovalent group; A = repeating units of _{≥1} ethylenically unsatd. monomers forming dyes of the same shade upon coupling with aromatic primary amine developing oxidation

product; B = noncoloring ethylenically unsatd. comonomer unit; X = monovalent group; x:y = 10:90-90:10).

IT 125450-43-3P

RL: IMF (Industrial manufacture); PREP (Preparation)

(manufacture and use of, as photog. couplers, for improved coloration and image sharpness)

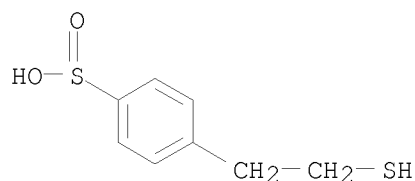
RN 125450-43-3 ZCAPLUS

CN 1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propenyl)amino]-, monosodium salt, telomer with 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[3-[4-[(1-oxo-2-propenyl)amino]phenyl]propyl]-2-naphthalenecarboxamide and 4-(2-mercaptoethyl)benzenesulfinic acid monopotassium salt (9CI) (CA INDEX NAME)

CM 1

CRN 125450-41-1

CMF C8 H10 O2 S2 . K



● K

CM 2

CRN 125450-42-2

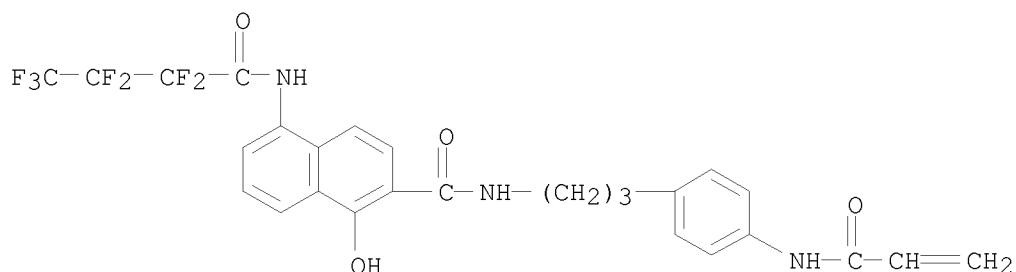
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CCI PMS

CM 3

CRN 125450-40-0

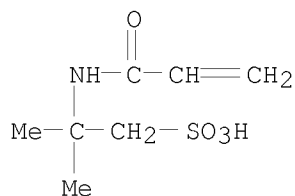
CMF C27 H22 F7 N3 O4



CM 4

CRN 5165-97-9

CMF C7 H13 N O4 S . Na



● Na

L17 ANSWER 17 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1990:108419 ZCAPLUS

DOCUMENT NUMBER: 112:108419

ORIGINAL REFERENCE NO.: 112:18221a,18224a

TITLE: Silver halide color photographic materials containing telomer couplers

INVENTOR(S): Hirano, Tsumoru; Kobayashi, Hidetoshi

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 46 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 01145657	A	19890607	JP 1987-304997	19871202
JP 07069592	B	19950731		

PRIORITY APPLN. INFO.: JP 1987-304997 19871202

AB The title materials providing sharp color images with high film hardness contain, in Ag halide emulsion layers, ≥ 1 oleophilic telomer couplers EAxByDzG (E = C ≥ 8 monovalent group; A = ethylenically unsatd. monomer unit containing coupler residue that reacts with aromatic

primary amine developing agent oxidation product to form a dye; B = ethylenically unsatd. monomer unit containing photog. useful group; D = ethylenically unsatd. noncoloring comonomer unit; G = monovalent group; x:y:z = 10-90; (-70:0-90 (weight%)).

IT 125504-20-3P

RL: IMF (Industrial manufacture); PREP (Preparation)

(manufacture and use of, as photog. couplers, for sharp color images with migration processes)

RN 125504-20-3 ZCAPLUS

CN 1H-Tetrazole-1-propanoic acid, 5-[[[4-hydroxy-3-[[[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]amino]carbonyl]-1-naphthalenyl]thio]-, telomer with 1-dodecanethiol, 1-hydroxy-5-[(1-oxobutyl)amino]-N-[3-[4-[(1-oxo-2-propenyl)amino]phenyl]propyl]-2-naphthalenecarboxamide and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 112-55-0
CMF C12 H26 S

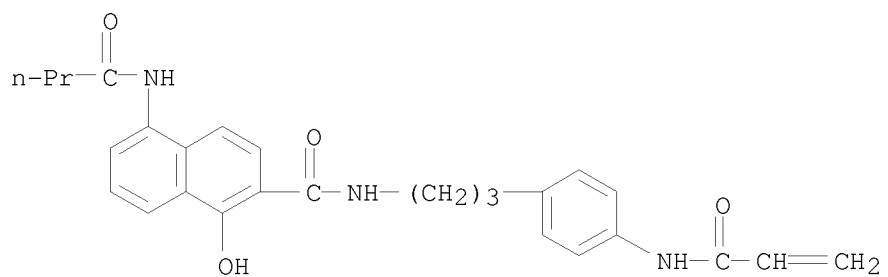
HS-(CH₂)₁₁-Me

CM 2

CRN 125504-19-0
CMF (C27 H29 N3 O4 . C21 H21 N5 O6 S . C5 H8 O2) x
CCI PMS

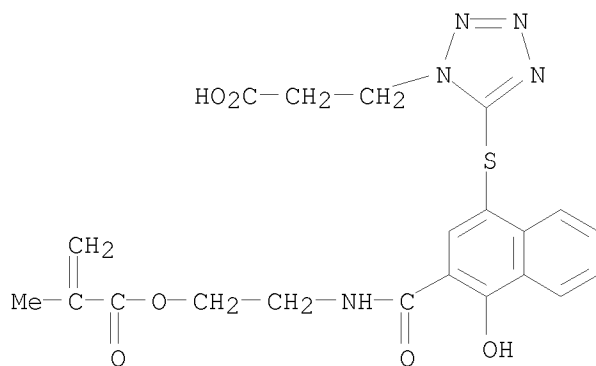
CM 3

CRN 125504-18-9
CMF C27 H29 N3 O4



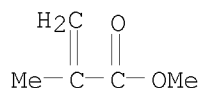
CM 4

CRN 122051-14-3
CMF C21 H21 N5 O6 S



CM 5

CRN 80-62-6
CMF C5 H8 O2



L17 ANSWER 18 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:182851 ZCAPLUS

DOCUMENT NUMBER: 110:182851

ORIGINAL REFERENCE NO.: 110:30165a,30168a

TITLE: Polymer coupler-containing color photographic material

INVENTOR(S): Ono, Shigetoshi

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63149649	A	19880622	JP 1986-297373	19861213
PRIORITY APPLN. INFO.:			JP 1986-297373	19861213

AB The title color photog. material contains a polymer coupler containing the repeating units based on (CH₂:CR₁)_xL₁mL₂nQ and (CH₂:CR₂)_yCONHAOB [R₁, R₂ = H, C₁-4 alkyl, C₁; L₁ = CONR₃ (R₃ = H, C₁-6 alkyl), CO₂, NHCO, OCO; m = 0, 1; n = 0, 1; Q = coupler residue capable of forming a dye with the oxidized form of a primary aromatic amine-type developer; A = C₁-4 alkylene; B = H, C₁-6 alkyl; x = 10-90 (weight %); y = 10-90]. The polymer coupler allows good color rendition and provides images with good heat and moist-heat stability.

IT 120283-47-8

RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)

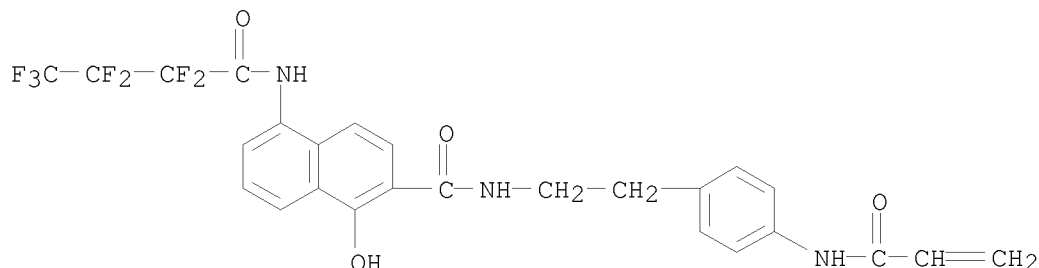
RN 120283-47-8 ZCAPLUS

CN 2-Naphthalenecarboxamide, 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-, polymer with N-(2-methoxyethyl)-2-methyl-2-propenamide (9CI) (CA INDEX NAME)

CM 1

CRN 120283-46-7

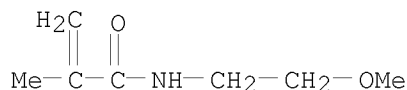
CMF C26 H20 F7 N3 O4



CM 2

CRN 76552-77-7

CMF C7 H13 N O2



L17 ANSWER 19 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:182850 ZCAPLUS

DOCUMENT NUMBER: 110:182850

ORIGINAL REFERENCE NO.: 110:30165a,30168a

TITLE: Polymer coupler using color photographic material

INVENTOR(S): Ono, Shigetoshi

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63149650	A	19880622	JP 1986-297374	19861213
JP 08027510	B	19960321		

PRIORITY APPLN. INFO.: JP 1986-297374 19861213

AB A color photog. material contains polymer coupler containing ≥ 2 types of repeating units based on $(\text{CH}_2:\text{CR}_1)_x(\text{L}_1)_m(\text{L}_2)_n\text{Q}$ and $(\text{CH}_2:\text{CR}_2)_y(\text{L}_3)_m(\text{L}_4)_n\text{T}$ [$\text{R}_1, \text{R}_2 = \text{H}$, $\text{C}_1\text{-4 alkyl}$, Cl ; $\text{L}_1, \text{L}_3 = \text{CONR}_3$ ($\text{R}_3 = \text{H}$, $\text{C}_1\text{-6 alkyl}$), CO_2 , NHCO , OCO ; $\text{L}_2, \text{L}_4 = \text{group linking L}_6 \text{ to Q or L}_3 \text{ to T}$; $m = 0, 1$; $n = 0, 1$; $\text{Q} = \text{coupler residue capable of reacting with the oxidized form of a primary amine-type coupling agent}$; $\text{T} = \text{carbonamido, carbamoy, sulfonamido, sulfamoyl}$; $x = 10\text{-}90$; $y = 10\text{-}90\%$]. The polymer coupler shows good color rendition and gives color images with good thermal stability.

IT 120283-76-3

RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)

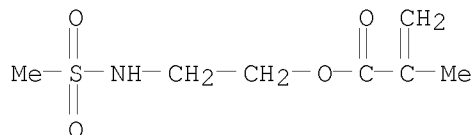
RN 120283-76-3 ZCAPLUS

CN 2-Propenoic acid, 2-methyl-, 2-[(methylsulfonyl)amino]ethyl ester, polymer with 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 120283-62-7

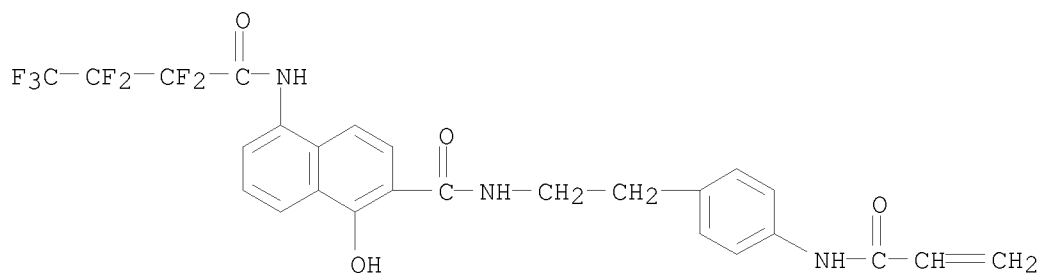
CMF C7 H13 N O4 S



CM 2

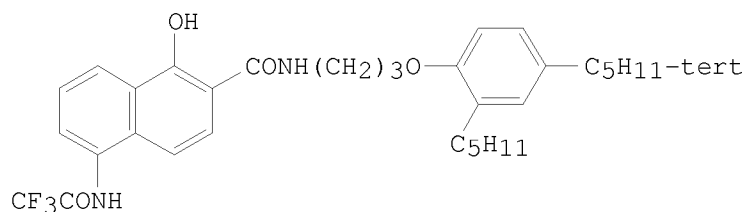
CRN 120283-46-7

CMF C26 H20 F7 N3 O4



L17 ANSWER 20 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1986:177615 ZCAPLUS
 DOCUMENT NUMBER: 104:177615
 ORIGINAL REFERENCE NO.: 104:27971a,27974a
 TITLE: Silver halide color photographic material
 INVENTOR(S): Saito, Naoki; Aoki, Kozo; Yokota, Yukio
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 106 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 161626 A2		19851121	EP 1985-105599	19850507
R: DE, FR, GB, NL				
PRIORITY APPLN. INFO.:			JP 1984-93605	19840510
			JP 1984-264277	19841214
			JP 1984-268135	19841219
OTHER SOURCE(S):		CASREACT 104:177615		
GI				



I

AB A Ag halide color photog. light-sensitive material containing a specific naphthol cyan coupler is described. Dye images formed by this coupler are excellent in fastness to heat and light and in sharpness and are free from adverse influences of bleaching solns. having weak oxidative activity or spent bleaching solns. Thus, coupler I was synthesized as follows: 5-amino-1-hydroxynaphthalic acid 20.3 g was dispersed in tetrahydrothiophene 100 mL and trifluoroacetic anhydride 45 g was added. The mix. was heated at 80° for 2 h, H₂O 20 g was added, stirred for 20 min, acetonitrile 200 mL added, and the precipitate washed to get 5-trifluoroacetamido-1-hydroxynaphthoic acid (II) 21 g. Then II 200 and p-nitrophenol 100 g were dispersed in acetonitrile 1.5 L and added with DMF 15 and thionyl chloride 110 mL. The precipitate was washed to obtain p-nitrophenyl 5-trifluoroacetamido-1-hydroxynaphthoate (III). Then III 40 g was dispersed in THF 200 mL and added with 3-(2,4-di-tert-amylphenoxy)propylamine. Some 61 g of the I was recovered

from the resultant mix. after hydrolysis. A film was prepared by using the coupler, exposed, developed, and color fastness tested. The d. reduced after 8 days of storage at 100° and 8 days of exposure to 100,000 lx were 8 and 12%, resp.

IT 101646-76-8 101646-82-6

RL: TEM (Technical or engineered material use); USES (Uses)
(cyan photog. coupler)

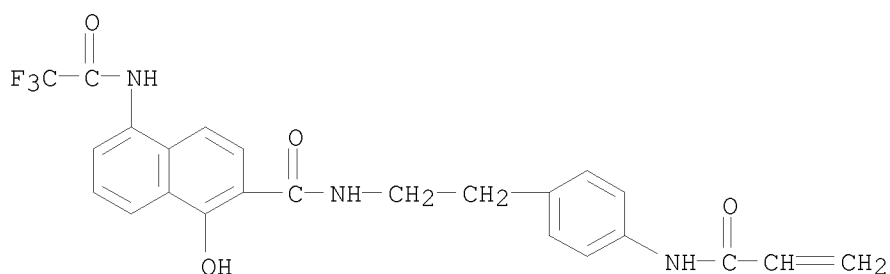
RN 101646-76-8 ZCAPLUS

CN 2-Propenoic acid, butyl ester, polymer with
1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-5-
[(trifluoroacetyl)amino]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 101646-75-7

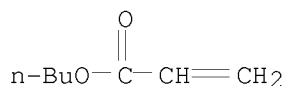
CMF C24 H20 F3 N3 O4



CM 2

CRN 141-32-2

CMF C7 H12 O2



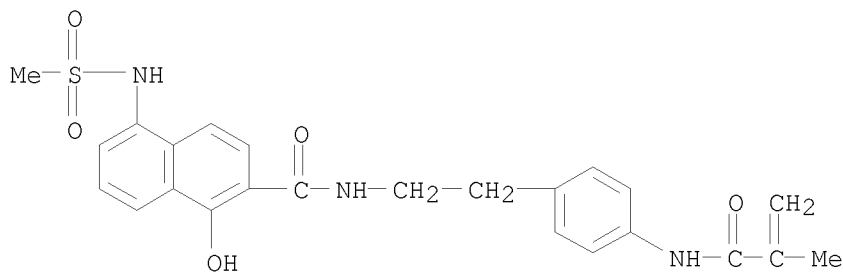
RN 101646-82-6 ZCAPLUS

CN 2-Propenoic acid, butyl ester, polymer with
1-hydroxy-N-[2-[4-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]ethyl]-5-
[(methylsulfonyl)amino]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

CM 1

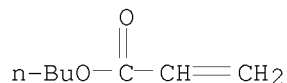
CRN 101646-81-5

CMF C24 H25 N3 O5 S

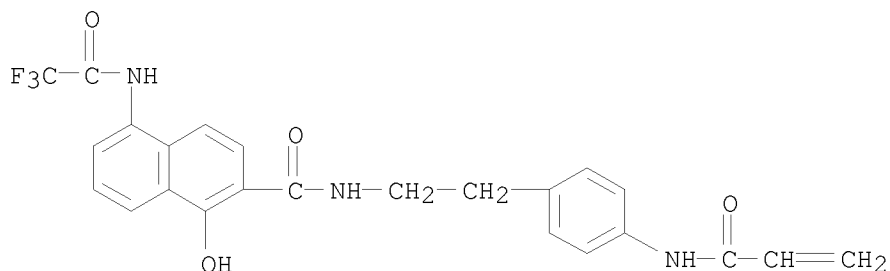


CM 2

CRN 141-32-2
CMF C7 H12 O2



IT 101646-75-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with Bu acrylate in synthesis of cyan photog. coupler)
RN 101646-75-7 ZCAPLUS
CN 2-Naphthalenecarboxamide, 1-hydroxy-N-[2-[4-[(1-oxo-2-propen-1-yl)amino]phenyl]ethyl]-5-[(2,2,2-trifluoroacetyl)amino]- (CA INDEX NAME)



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E2 2 MUTO SUNICHI/AU
E3 51 --> MUTO SUSUMU/AU
E4 1 MUTO SYOZI/AU
E5 1 MUTO SYUICHI/AU
E6 1 MUTO SYUNJI/AU
E7 88 MUTO T/AU
E8 2 MUTO TADAHIKO/AU
E9 5 MUTO TADANOBU/AU
E10 45 MUTO TADASHI/AU
E11 4 MUTO TADAYOSHI/AU
E12 1 MUTO TAEKO/AU
E13 2 MUTO TAICHIRO/AU
E14 2 MUTO TAIDOU/AU
E15 1 MUTO TAIRA/AU
E16 8 MUTO TAKAAKI/AU
E17 1 MUTO TAKABUMI/AU
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E25 9 MUTO TAKAO/AU

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L18 51 ("MUTO SUSUMU"/AU)


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E2      38      ITAI AKIHIRO/AU
E3      224 --> ITAI AKIKO/AU
E4      2       ITAI AKIRA/AU
E5      14      ITAI C/AU
E6      25      ITAI CHANAN/AU
E7      1       ITAI CHANNAN/AU
E8      2       ITAI DAISUKE/AU
E9      2       ITAI ERI/AU
E10     1       ITAI ETSUO/AU
E11     1       ITAI FUMIAKI/AU
E12     4       ITAI HIDEKI/AU
E13     1       ITAI HIROSHI/AU
E14     1       ITAI HIROTO/AU
E15     1       ITAI HIROYUKI/AU
E16     5       ITAI HITOSHI/AU
E17     6       ITAI I/AU
E18     6       ITAI ICHIRO/AU
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E20     5       ITAI JUNICHI/AU
E21     16      ITAI K/AU
E22     2       ITAI KAORI/AU
E23     1       ITAI KAZUHIRO/AU
E24     1       ITAI KAZUKI/AU
E25     3       ITAI KAZUNARI/AU
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=> S (E3)

L19 224 ("ITAI AKIKO"/AU)

=> s 118 or 119

L20 231 L18 OR L19

=> s 120 and 116

L21 1 L20 AND L16

=> d 121 ibib

L21 ANSWER 1 OF 1 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:836833 ZCAPLUS

DOCUMENT NUMBER: 139:323347

TITLE: Preparation of naphthalenesulfonamides as anticancer agents

INVENTOR(S): Muto, Susumu; Itai, Akiko

PATENT ASSIGNEE(S): Institute of Medicinal Molecular Design. Inc., Japan

SOURCE: PCT Int. Appl., 157 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2003086377	A1	20031023	WO 2003-JP4986	20030418
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,			

	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,	
	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,	
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
AU 2003231370	A1 20031027	AU 2003-231370 20030418
GB 2403474	A 20050105	GB 2004-23856 20030418
GB 2403474	B 20061011	
US 20050215645	A1 20050929	US 2005-510242 20050518
PRIORITY APPLN. INFO.:		JP 2002-115629 A 20020418
		WO 2003-JP4986 W 20030418
OTHER SOURCE(S):	MARPAT 139:323347	
REFERENCE COUNT:	15	THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS
		RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT